State of Alaska
Department of Fish and Game
Nomination for Waters
Important to Anadromous Fish

242-31-10120 Segment 15-01 (Tribs)

AWC Volume SE (SC) SW W AR IN USGS Quad Seldovia B-4

Anadromous Water Catalog Number of Waterway 242-31-10120-2272

Name of Waterway _____ USGS name ____ Local name ____

Addition X Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination # 94 263		
Revision Year: '94	Regional Supervisor	11/8/94 Date
Revision to: Atlas ____ Catalog ____ Both X	Ed Weiss	12/27/93
Revision Code: A-2	L. Shone Drafted	2/2/94 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Pink Salmon- Adult	9-10-93	22			✓
Coho Salmon -Juvenile	9-10-93		500 Estimate		✓
Dolly varden - Juvenile	9-10-93			23	
Sockeye Salmon- Adult	9-10-93	1			✓

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as any other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: Sockeye observed in the stream at a point approximately 15 meters upstream of the mouth. Coho were observed throughout the system to a point approx. 10 meters downstream of the ~25 meter waterfall barrier. Pink Salmon were observed up to the location indicated on the map. Stream width ranges from 3.5 meters at the mouth to 1 meter at the upper extent. Gradient is 2 percent. Stream substrate is predominantly gravel with some sand. Excellent rearing, good spawning stream.

Name of Observer (please print) JEFF BARNHART

Date: 10-13-93 Signature: Jeff Barnhart

Address: 333 Raspberry Road
Anchorage AK

ALASKA DEPT. OF FISH & GAME
NOV 03 1993
REGION II HABITAT AND RESTORATION

This certifies that in my best professional judgement and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: _____ Rev. 7/93

STREAM HABITAT ASSESSMENT 1993 — SEGMENTS

242-31-10120 15-01

STREAM: Rocky 15 SEGMENT: 02-01 DATE: 9/10/93 TEAM: JB/WG

ANADROMOUS: (y) n WIDTH (m): 3.5-1 LENGTH (m): ______ GPS DATE: 9/13/93 DIGITIZE: y n

WATERBODY: mainstem (tributary) lake/pond wetland intertidal other: ______

FISH					WILDLIFE		
SPECIES	STAGE (A J U)	COUNT	METHOD (E V D)	COMMENTS	SPECIES	COUNT	COMMENTS
Pink	A	22	V		Stellers Jay	1	
coho	J	4	D	Age 1+	Dipper	1	
Coho	J	500+	V	Age 1+	Moose	—	Tracks/scat
DV	J	20	V	4 inches long	moose	—	browsed willow
Sockeye	A	1	V		Blackbear	—	scat
DV	J	3	D	1" Long			

GRADIENT(%): 1 CHANNEL PROFILE: A B (C) D E F

CHANNEL PATTERN: (single) multi braided

STREAM SUBSTRATE: (rank three most predominant types) BEDROCK — BOULDER — RUBBLE — COBBLE — GRAVEL 1 SAND 2 MUD/SILT — ORGANICS — OTHER: —

STREAM COVER TYPE: ORGANIC DEBRIS X DEAD BRANCHES/TWIGS X LOGS X BOULDERS ___ CUT BANK X OVERHANGING VEGET. X OTHER: ______

STREAM COVER ABUNDANCE: none low medium (high)

RIPARIAN VEGETATION (three most abundant plants in order of dominance) within 20m of the banks:

OVERSTORY: Sitka spruce — ______
UNDERSTORY: Alder willow Rose

CANOPY ABOVE STREAM: none low (medium) high

GROWTH: (mature) secondary shrubs meadow muskeg intertidal

TOTAL BARRIER? (y) n BARRIER TO SPECIES: coho adults (juveniles)

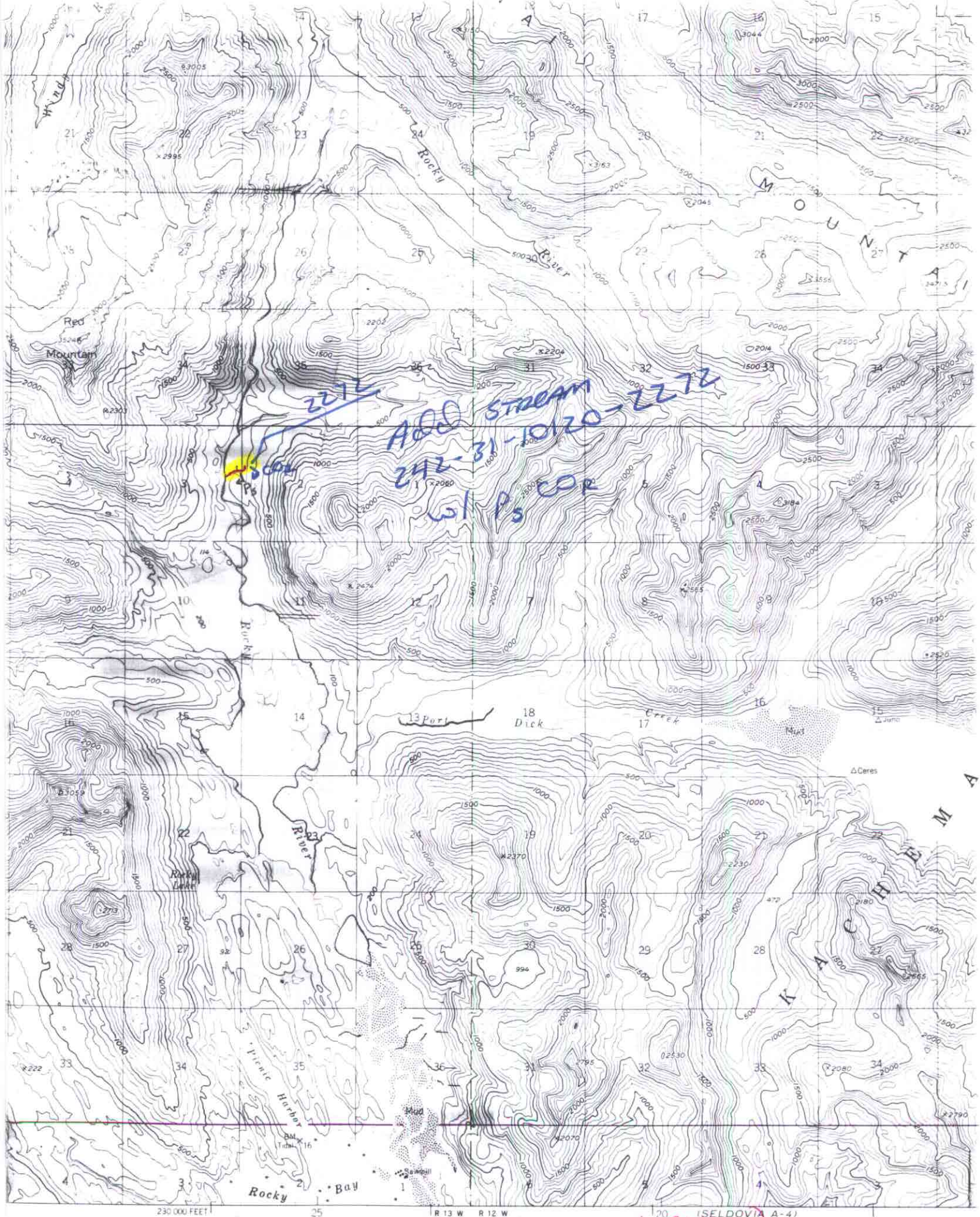
TYPE: (fall) slide beaverdam logjam spring substrate HEIGHT (m): .35 DIST. FROM UPPER EXTENT (m): 10

PHOTO ROLL(s): JB05 VIDEO TAPE(s): ______

FRAME	DESCRIPTION	DATE	DESCRIPTION
17	10 meters down stream of confluence of 1-01, looking up stream		
28	Stream mouth looking upstream		

Substrate: Bedrock (solid) Boulder >1' Rubble 6-12" Cobble 2-6" Gravel .1-2" Sand <.1"

(Please enter comments on the other side)



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phy by photogrammetric methods from aerial photographs

242-31-10120 15-01 (tr.6 15)

SCALE 1:63360

MEMORANDUM

State of Alaska

DEPARTMENT OF FISH & GAME

TO: Ed Weiss
Habitat Biologist
Region II
Habitat and Restoration Division
Department of Fish and Game

DATE: November 3, 1993

FILE NO.:

TELEPHONE NO.: 267-2295

SUBJECT: Anadromous Stream Nominations and Corrections Project R-51

FROM: Kathrin Sundet KS
Habitat Biologist
Region II
Habitat and Restoration Division
Department of Fish and Game

Attached are anadromous stream nominations and corrections to be included in the Anadromous Waters Catalog for 74 streams surveyed in the fall of 1993 on private lands held by the Port Graham, English Bay and Seldovia Native Corporations on the outer Kenai Peninsula.

Streams were surveyed by the Alaska Department of Fish and Game, Habitat and Restoration Division personnel, Kathrin Sundet, Jeff Barnhart, Dan Grey, and Wes Ghormley as part of Exxon Valdez Oil Spill Restoration project R-51 aka SHA (Stream Habitat Assessment).

Streams were surveyed on foot from the intertidal zone to the upper extent of anadromous fish distribution. Adult salmon and Dolly Varden were visually identified and enumerated. Juvenile salmon were visually identified in the stream, and then captured by electroshocking, dipnet, or minnow trap to confirm identification. Sampling was conducted periodically along the stream to determine the presence of juvenile salmon. No attempt was made to determine the rearing population sizes of juvenile salmon, or to determine the total escapement of adult salmon in a stream.

Stream data are on file at the Alaska Department of Fish and Game, Habitat and Restoration office, 333 Raspberry Road, Anchorage, Alaska.

cc: Lance Trasky
Don McKay
Mark Kuwada